

FORM PTO-1449  
(REV.7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
191106.407C2APPLICATION NO.  
09/502,498**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

## APPLICANTS

Andrzej Kilian and David Bowtell

## FILING DATE

February 11, 2000

## GROUP ART UNIT

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
dhf	AA	5,489,508	02/06/96	West et al.	435	6	
dhf	AB	5,639,613	06/17/97	Shay et al.	435	6	
dhf	AC	5,645,986	07/08/97	West et al.	435	6	
dhf	AD	5,770,422	06/23/98	Collins	435	194	
dhf	AE	5,919,656	07/06/99	Harrington et al.	435	69.1	
	AF						
	AG						
	AH						
	AI						
	AJ						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
dhf	AL	WO 95/13382	05/18/95	PCT				
dhf	AM	WO 96/01835	01/25/96	PCT				
dhf	AN	WO 96/19580	06/27/96	PCT				
dhf	AO	WO 98/11207	03/19/98	PCT				
dhf	AP	WO 98/14592	04/09/98	PCT				

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

dhf	AR	Adams et al., "EST12462 Uterus Tumor I Homo Sapiens cDNA 5' End," <i>EMBL Database Entry HSZZ05016</i> :Accession No. AA299878, 1997.
dhf	AS	Belair et al., "Telomerase Activity: A Biomarker of Cell Proliferation, Not Malignant Transformation," <i>Proc. Natl. Acad. Sci. USA</i> 94:13677-13682, 1997.
dhf	AT	Holt et al., "Lack of Cell Cycle Regulation of Telomerase Activity in Human Cells," <i>Proc. Natl. Acad. Sci. USA</i> 94:10687-10692, 1997.

EXAMINER

dhf/ald

DATE CONSIDERED

Dec. 7, 2001

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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AB		WO 98/14593	04/09/98	PCT				
AC		WO 98/21343	05/22/98	PCT				
AD		WO 98/37181	08/27/98	PCT				
AE								
AF								

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

AG		Kilian et al., "Isolation of a Candidate Human Telomerase Catalytic Subunit Gene, Which Reveals Complex Splicing Patterns in Different Cell Types," <i>Human Molecular Genetics</i> 6(12):2011-2019, 1997.
AH		Kim et al., "Specific Association of Human Telomerase Activity with Immortal Cells and Cancer," <i>Science</i> 266:2011-2015, 1994
AI		Lingner et al., "Reverse Transcriptase Motifs in the Catalytic Subunit of Telomerase," <i>Science</i> 276:561-567, 1997.
AJ		Meyerson et al., " <i>hEST2</i> , the Putative Human Telomerase Catalytic Subunit Gene, Is Up-Regulated in Tumor Cells and During Immortalization," <i>Cell</i> 90:785-795, 1997.
AK		Nakamura et al., "Telomerase Catalytic Subunit Homologs from Fission Yeast and Human," <i>Science</i> 277:955-958, 1997.
AL		Nakayama et al., " <i>TLPI</i> , A Gene Encoding a Protein Component of Mammalian Telomerase Is a Novel Member of WD Repeats Family," <i>Cell</i> 88:875-884, 1997.
AM		Ngo et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , Merz et al. (eds.), Birkhauser et al., Boston, MA, 1994, pp. 491-495.
AN		Raymond et al., "Agents that Target Telomerase and Telomeres," <i>Current Opinion in Biotechnology</i> 7:583-591, 1996.

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*M. Slicka*

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


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	AR	Rudinger, "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence," in <i>Peptide Hormones</i> , J. A. Parsons (ed.), University Park Press, Baltimore, MD, 1976, pages 1-7.
	AS	Thornton et al., "Protein Engineering: Editorial Overview," <i>Current Opinion in Biotechnology</i> 6(4):367-369, 1995.
	AT	Wallace, "Understanding Cytochrome c Function: Engineering Protein Structure by Semisynthesis," <i>The FASEB Journal</i> 7:505-515, 1993.

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